INDEX TO AUTHORS.

Ågren, G., and Caspersson, T., reticulocytosis in guinea-pigs in relation to the standardization of liver extract, 87

Andrewes, C. H., see *Elford, W. J.*

Aschner, M., and Kligler, I. J., behaviour of louse-borne (epidemic) and flea-borne (murine) strains of typhus *Rickettsia* in tissue cultures, 173

——— see *Kligler, I. J.*

Bawden, F. C., and Pirie, N. W., experiments on the chemical behaviour of potato virus "X", 64

——— ——— and Spooner, E. T. C., the production of antisera with suspensions of potato virus "X" inactivated by nitrous acid, 204

Bedson, S. P., observations bearing on the antigenic composition of psittacosis virus, 109

Brandwijk, A. C., see *Timmerman, W. A.*

Broom, J. C., and Findlay, G. M., experiments on the filtration of climatic bubo (lymphogranuloma inguinale) virus through "gradocol" membranes, 135

Burnet, F. M., influenza virus on the developing egg. I: Changes associated with the development of an egg-passage strain of virus, 282

——— observations on the effect of louping-ill virus on the developing egg, 294

——— and Lush, D., the immunological relationship between Kikuth's canary virus and fowl-pox, 302

Campbell, J. A., the effects of exhaust gases from internal combustion engines and of tobacco smoke upon mice, with special reference to incidence of tumours of the lung, 146

Caspersson, T., see *Ågren, G.*

Coburn, A. F., see *Kapp, E. M.*

Cruse, J. E. J., and Rose, C. F. M., the estimation of phosphatase in fluoride blood, 267

Danenfeldt, L. A., see *Spassky, N. N.*

Delafield, M. E., and Smith, H. A., the influence of certain bacterial fractions derived from *Bact. aertrycke* on the oxygen uptake of rabbit brain and muscle suspensions, 379

Elford, W. J., centrifugation studies. I: Critical examination of new methods as applied to the sedimentation of bacteria, bacteriophages and proteins, 399

——— see *Galloway, I. A.*

——— and Andrewes, C. H., centrifugation studies. II: The viruses of vaccinia, influenza and Rous sarcoma, 422

Elford, W. J., Andrewes, C. H., and Tang, F. F., the sizes of the viruses of human and swine influenza as determined by ultra-filtration, 51

Felix, A., and Pitt, R. M., the Vi antigens of various Salmonella types, 81

Fildes, P., Richardson, G. M., Knight, B. C. J. G., and Gladstone, G. P., a nutrient mixture suitable for the growth of *Staphylococcus aureus*, 481

Findlay, G. M., the mechanism of immunity in Rift Valley fever, 89

——— see *Broom, J. C., Mackenzie, R. D.*

——— and Mackenzie, R. D., studies on neurotropic Rift Valley fever virus; spontaneous encephalomyelitis in mice, 441

——— ——— and Stern, R. O., studies on neurotropic Rift Valley fever virus: the susceptibility of sheep and monkeys, 431

Galloway, I. A., and Elford, W. J., purified foot-and-mouth disease virus. I: Studies on some of its physical properties, 187

Gladstone, G. P., see *Fildes, P.*

Gordon, J., and Thompson, F. C., the artificial opsonization of bacteria, 159

Gorer, P. A., the detection of antigenic differences in mouse erythrocytes by the employment of immune sera, 42

Grasset, E., and Lewin, W., the production and persistence of H and O agglutinins and complement-fixing bodies in persons inoculated with typhoid endotoxoid vaccine, 179

Grunbaum, A., see *Snapper, I.*

Happold, F. C., and Hoyle, L., the *coli*-tryptophan-indole reaction: II, the non-production of tryptophanase in media containing glucose, 136

Harley, D., the agglutinogens M and N in allergic conditions, 143

——— determining the group of human blood-stains; notes on an anomalous Group O serum, 35

——— a false agglutination reaction observed with anti-M and anti-N sera, 145

Hodgkin, E. P., see *Lewthwaite, R.*

Hodgson, T. H., the carbonic anhydrase content of blood in pathological states, 75

Holt, L. B., the purification of staphylococcus toxoid, 318

Hoyle, L., see *Happold, F. C.*

Hughes, W. H., the alteration in the bactericidal power of the blood in the presence of inflammation, 369

JACOBSON, B. M., a note on the guinea-pig method of assay of liver extract, 307
JOHNSON, S. J., see *Pappenheimer, A. M., jun.*

KAPP, E. M., and COBURN, A. F., studies on the excretion of urinary porphyrin in rheumatic fever, 255
KLIGLER, I. J., ASCHNER, M., and LEVINE, S., comparative studies of the louse-borne (epidemic) and flea-borne (murine) typhus viruses, 53
——— see *Aschner, M.*
KNIGHT, B. C. J. G., see *Fildes, P.*

LEVINE, S., see *Kligler, I. J.*
LEWIN, W., see *Grasset, E.*
LEWTHWAITE, R., HODGKIN, E. P., and SAVOOR, S. R., the typhus group of diseases in Malaya. Part VI: The search for carriers, 309
——— and SAVOOR, S. R., the typhus group of diseases in Malaya. Part I: The study of the virus of rural typhus in laboratory animals. Part II: The study of the virus of tsutsugamushi disease in laboratory animals, 1
——— ——— Part III: The study of urban typhus in laboratory animals, 23
——— ——— Part IV: The isolation of two strains of tropical typhus from wild rats, 208
——— ——— Part V: The Weil-Felix reaction in laboratory animals, 214
——— ——— Part VII: The relation of rural typhus to the tsutsugamushi disease (with special reference to cross-immunity tests), 448
——— ——— Part VIII: The relation of the tsutsugamushi disease (including rural typhus) to urban typhus. Part IX: The relation of the tsutsugamushi disease (including rural typhus) and urban typhus to Rocky Mountain spotted fever (with special reference to cross-immunity tests), 461
LUSH, D., see *Burnet, F. M.*

MACCALLUM, F. O., The necessity of living cells for the cultivation of psittacosis virus, 472
MACKENZIE, R. D., FINDLAY, G. M., and STERN, RUBY O., studies on neurotropic Rift Valley fever virus: the susceptibility of rodents, 352
——— see *Findlay, G. M.*
MADDERS, K., see *Wale, R. S.*

PAPPENHEIMER, A. M., jun., studies in diphtheria toxin production. II: Production of potent diphtheria toxin on a simple amino-acid medium, 342
——— and JOHNSON, S. J., studies in diphtheria toxin production. I: The effect of iron and copper, 335
PEACOCK, P. R., evidence regarding the mechanism of elimination of 1 : 2 : 5 : 6-dibenzanthracene from the blood-stream of injected animals, 164
PIRIE, N. W., some methods for the detection and rough estimation of agar in biological materials, 269
——— see *Bawden, F. C.*
PITT, R. M., see *Felix, A.*
PRIESTLEY, F. W., some properties of the capsule of *Pasteurella septica*, 374

RABINOWITCH, I. M., a note on the bilirubin content of blood and urobilinogen content of urine in diabetes mellitus, 249
RICHARDSON, G. M., see *Fildes, P.*
ROSE, C. F. M., see *Cruse, J. E. J.*

SAVOUR, S. R., see *Lewthwaite, R.*
SELBIE, F. R., the interpretation of growth fluctuations in transplantable tumours, 344
——— susceptibility to tumour-growth in rats, 348
SELYE, H., thymus and adrenals in the response of the organism to injuries and intoxications, 234
SMITH, F., anëarobic pneumococcus, 329
SMITH, H. A., see *Delafield, M. E.*
SNAPPER, I., and GRUNBAUM, A., on the immunity reactions of iodo-proteins, 361
SPASSKY, N. N., and DANENFELDT, L. A., immunological study of typhoid polysaccharide, 38
SPOONER, E. T. C., see *Bawden, F. C.*
STAMP, T. C., antibacterial immunity to infection with hæmolytic streptococci in rabbits, 391
STERN, R. O., see *Findlay, G. M.*
STRONG, L. C., production of the CBA strain of inbred mice; long life associated with low tumour incidence, 60
STUART-HARRIS, C. H., the transmission of influenza virus to hedgehogs, 324
SYKES, J. F., see *Taylor, N. B.*
TANG, F. F., see *Elford, W. J.*
TAYLOR, N. B., WELD, C. B., and SYKES, J. F., parathormone tolerance in dogs, 104
THOMPSON, F. C., see *Gordon, J.*
TIMMERMAN, W. A., and BRANDWIJK, A. C., experiments on the immunizing properties of undiluted and diluted diphtheria formol-toxoid, 252

WALE, R. S., and MADDERS, K., staphylococcal toxoid in the treatment of diabetes, 279
WATSON, A. F., the Daels and Biltris transplantable sarcoma of the guinea-pig, 122
WELD, C. B., see *Taylor, N. B.*
WHITE, P. B., observations on the polysaccharide complex and variants of *Vibrio choleræ*, 229